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Patent Application  
Docket No. TI-31284

"EXPRESS MAIL" Mailing Label No. ET236545481VS

## WIRELESS COMMUNICATIONS WITH EFFICIENT CHANNEL CODING

This application claims the priority under 35 U.S.C. 119(e)(1) of the following copending U.S. provisional applications: 60/210,851 filed on June 9, 2000; 60/215,953 filed on July 5, 2000; 60/216,290 60/216,436, 60/216,291, 60/216,292, 60/216,413 and 60/216,433 filed on July 6, 2000; 60/217,269, 60/217,272 and 60/217,277 filed on July 11, 2000; and 60/228,860 filed on August 29, 2000. All of the aforementioned provisional applications are hereby incorporated herein by reference.

This application is related to the following copending applications filed contemporaneously herewith by the inventors of the present application: Docket Nos. 09/777201 09/777221 ~~TI-31285~~ and ~~TI-31286~~ respectively entitled "Wireless Communications with Frequency Band Selection" and "Wireless Communications with Efficient Retransmission Operation".

### FIELD OF THE INVENTION

The invention relates generally to wireless communications and, more particularly, to wireless communications that utilize: channel coding; multiple data rates; multiple modulation and channel coding schemes; or automatic repeat request (ARQ).